Summer 2013  
ECE 201  
Circuits I  
Instructor: Fahmida S. Tulip (ftulip@utk.edu)  
Office hours: TTh 1 pm – 2 pm.  
Teaching Assistant: Ifana Mahbub (imahbub@utk.edu)  
Classes will meet at MK 524 from 2:15 pm to 3:15 pm on MTWThF.  

Textbook and Other Supplemental Material:  
- Laboratory Manual  
- Notes posted on course website  

Grading:  
<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Midterm Exams</td>
<td>40%</td>
</tr>
<tr>
<td>Final</td>
<td>25%</td>
</tr>
<tr>
<td>Homework</td>
<td>10%</td>
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<tr>
<td>Quizzes</td>
<td>5%</td>
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<tr>
<td>Laboratory</td>
<td>20%</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
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</tbody>
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Grading Scale:  
A (> 90%), A- (88 to 89%), B+ (85 to 87%), B (80 to 84%), B- (78 to 79%), C+ (75 to 77%), C (70 to 74%), C- (68 to 69%), D+ (65 to 67%), D (60 to 64%), D- (58-59%), F (< 59%).  

Topics covered:  
Fundamental laws of circuit analysis. Ohm’s Law; Kirchhoff’s current and voltage laws; the law of conservation of energy; circuits containing independent and dependent voltage, and current sources, resistance, conductance, capacitance, and inductance analyzed using mesh and nodal analysis, superposition, and source of transformations; and Norton’s and Thevenin’s Theorems. Steady state analysis of DC and AC circuits. Complete solution for transient analysis for circuits with one and two storage elements.
Guidelines:
Academic Dishonesty Will NOT be tolerated and NO WARNINGS will be given. It is the responsibility of the student to review UT policy and procedures in this area since they will be strictly adhered to. Cheating will result in an F in the course, and possible university sanctions.
Cell phones, texting, should be turned off during class.
All HW will be stapled and neatly done, with all the work shown. The grader or instructor reserves the right to not grade unacceptable HW.
Students will come to class on time and will not leave early, unless prior arrangements have been made,
Quizzes without names will not be accepted.
Using a laptop or other portable electronic devices for reasons other than class use will not be tolerated.
Students having to miss a class when HW is due can hand in the HW early.
Because at least 1 of the lowest quiz grades will be dropped, there will be no make-up quizzes for any reason. Therefore, students should attend every class, so that in the event of an emergency, or something else unexpected, and have to miss a class when a quiz was given, it will not adversely affect their grade.